## Table 20. Weather Summary, Selected U.S. Cities (Population Weighted Heating Degree-Days<sup>1</sup>)

Weather data reported in the Weekly Petroleum Status Report are taken directly from a computerized system implemented by the National Oceanic and Atmospheric Administration, Department of Commerce. The National Oceanic and Atmospheric Administration (NOAA)/NWS, as a U.S. Government Agency, does not endorse any consumer information services.

The weather for the Nation, as measured by population-weighted heating degree-days from July 1, 2001, through May 11, 2002, has been 15 percent warmer than last year and 13 percent warmer than normal.

Columbia	Percent Change		Normal	Previous	Current	
U.S. Total, Population-Weighted 3,901 4,590 4,462 -15  Cities  Albuquerque 3,712 4,245 4,388 -13  Amarillo 3,676 4,366 4,211 -16  Asheville 3,883 4,271 4,228 -14  Atlanta 2,367 3,070 2,981 -23  Billings 6,673 7,076 6,872 -6  Boise 5,275 5,735 5,659 -8  Boston 4,605 5,675 5,500 -19  Buffalo 5,610 6,541 6,539 -14  Cheyenne 6,564 7,122 6,950 -8  Chicago 5,469 6,443 6,375 -15  Cliceland 5,090 6,037 6,032 -16  Cleveland 5,090 6,03	nt Current	Current	07/01	07/01/00	07/01/01	
Cities  Albuquerque 3,712 4,245 4,388 -13 Arnarillo 3,676 4,366 4,211 -16 Asheville 3,683 4,271 4,228 -14 Atlanta 2,367 3,070 2,981 -23 Billings 6,673 7,076 6,872 -6 Boise 5,275 5,735 5,659 -8 Boiston 4,605 5,675 5,500 -19 Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,489 6,443 6,375 -15 Clicinoinati 4,404 5,261 5,161 -16 Cleveland 5,090 6,037 6,032 -16 Clolumbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,488 5,558 5,317 -20 Los Algeles 1,331 1,542 1,340 -14 Memphis 2,667 3,398 3,073 -22 Miami 83 186 200 -55 Milwaukee 5,551 6,780 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 Memphis 2,667 3,398 3,073 -22 Miami 83 186 200 -55 Milwaukee 5,551 6,780 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 Memphis 3,676 4,796 4,894 -23 Phoenix 7,707 3,649 -16 Montgomery 4,833 5,810 5,814 -17 Portland, ME 6,083 7,025 7,080 -13 Providence 4,792 5,724 5,728 -16 Milwaukee 6,833 7,025 7,080 -13 Providence 4,792 5,724 5,728 -16 Montgomery 4,833 5,810 5,814 -17 Portland, ME 6,083 7,025 7,080 -13 Providence 4,792 5,794 5,794 -17 Portland, ME 6,083 7,025 7,080 -13 Richmond 3,242 4,176 3,397 -22 Salem, OR 4,302 4,514 4,602 -5 Salt Lake City 5,709 5,661 5,602 11	VS.	VS.	thru	thru	thru	
Cities Albuquerque 3,712 4,245 4,388 -13 Amarillo 3,676 4,366 4,211 -16 Asheville 3,683 4,271 4,228 -14 Atlanta 2,367 3,070 2,981 -23 Billings 6,673 7,076 6,872 -6 Boise 5,275 5,735 5,659 -8 Boston 4,605 5,675 5,500 -19 Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Clicincinnati 4,404 5,261 5,161 -16 Cleveland 5,990 6,037 6,032 -16 Columbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,458 5,558 5,317 -20 Los Angeles 1,331 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,545 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismill 8,3 1,542 1,340 -14 Memphis 3,676 4,796 4,894 -23 Phoenix 9,796 4,894 -23 Phoeni	us Normal	Previous	05/11	05/11/01	05/11/02	Location
Cities Albuquerque 3,712 4,245 4,388 -13 Amarillo 3,676 4,366 4,211 -16 Asheville 3,683 4,271 4,228 -14 Atlanta 2,367 3,070 2,981 -23 Billings 6,673 7,076 6,872 -6 Boise 5,275 5,735 5,659 -8 Boston 4,605 5,675 5,500 -19 Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Clicininati 4,404 5,261 5,161 -16 Cleveland 5,990 6,037 6,032 -16 Columbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,458 5,558 5,317 -20 Las Vegas 2,053 2,249 2,407 -9 Los Angeles 1,331 1,542 1,340 -14 Memphis 2,667 3,388 3,073 -22 Mismula 8,383 4,745 4,836 -22 Oklahoma City 3,419 4,077 3,649 -16 Omaha 5,404 6,456 6,202 16 Milmaukee 5,851 6,780 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 New York 3,683 4,745 4,836 -22 Oklahoma City 3,419 4,077 3,649 -16 Omaha 5,404 6,456 6,202 -16 Raleigh 2,929 3,577 3,438 -18 Richmond 3,242 4,176 3,937 -22 Salt Lake City 5,709 5,661 5,602 -1 Salt Lake City 5,709 5,661 5,602 -15 Salt Lake City 5,709 5,661 5,602 -15 San Francisco 2,409 2,551 2,765 -7						
Albuquerque 3,712 4,245 4,388 -13 Armarillo 3,676 4,366 4,211 -16 Asheville 3,683 4,271 4,228 -14 Atlanta 2,367 3,070 2,981 -23 Billings 6,673 7,076 6,872 -6 Boise 5,275 5,735 5,659 -8 Boston 4,605 5,675 5,500 -19 Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Clicainnati 4,404 5,261 5,161 -16 Cleveland 5,090 6,037 6,032 -16 Clourbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Jacksonville 1,084 1,613 1,434 -34 Memphis 2,667 3,398 3,073 -22 Los Angeles 1,331 1,542 1,340 -14 Memphis 2,667 3,398 3,073 -22 Memphis 2,667 3,398 3,073 -22 Milmin 83 186 200 -55 Milwaukee 5,851 6,780 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 New York 3,683 4,745 4,836 -22 Oklahoma City 3,419 4,077 3,649 -16 Omaha 5,404 6,456 6,202 -16 Omaha 5,404 6,456 6,202 -16 Philadelphia 3,676 4,796 4,894 -23 Phoenix 871 1,165 1,350 -25 Pittsburgh 4,833 5,810 5,814 -17 Portland, ME 6,083 7,025 7,080 -13 Providence 4,792 5,724 5,728 -16 Raleigh 2,929 3,577 3,438 -18 Richmond 3,242 4,176 3,937 -22 Salte Lake City 5,709 5,661 5,602 -1 Salt Lake City 5,709 5,661 5,602 -1 San Francisco 2,409 2,551 2,765 -7	-13	-15	4,462	4,590	3,901	U.S. Total, Population-Weighted
Amarillo         3,676         4,366         4,211         -16           Asheville         3,683         4,271         4,228         -14           Atlanta         2,367         3,070         2,981         -23           Billings         6,673         7,076         6,872         -6           Boise         5,275         5,735         5,659         -8           Boston         4,605         5,675         5,500         -19           Buffalo         5,610         6,541         6,539         -14           Cheyenne         6,564         7,122         6,950         -8           Chicago         5,469         6,443         6,375         -15           Cincinnati         4,404         5,261         5,161         -16           Cleveland         5,090         6,037         6,032         -16           Columbia,SC         2,174         2,848         2,644         -24           Dervid         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,883         6,154         6,407         -13           Far						Cities
Asheville 3,863 4,271 4,228 -14 Atlanta 2,367 3,070 2,981 -23 Billings 6,673 7,076 6,872 -6 Boise 5,275 5,735 5,659 -8 Boston 4,605 5,675 5,500 -19 Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Cliceinnati 4,404 5,261 5,161 -16 Cleveland 5,090 6,037 6,032 -16 Columbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,458 5,558 5,317 -20 Las Vegas 2,053 2,249 2,407 -9 Las Vegas 1,331 1,542 1,340 -14 Memphis 2,667 3,398 3,073 -22 Miami 83 186 200 -55 Milwauke 5,851 6,780 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 New York 3,863 5,810 5,814 -17 Omaha 5,404 6,456 6,202 -16 Montgomery 2,036 2,570 2,224 -21 New York 3,863 5,029 3,577 3,438 -18 Richmond 3,242 4,176 3,937 -22 St Louis 3,920 5,049 4,703 -22 Salem, OR 4,302 4,514 4,602 -5 Salt Lake City 5,709 5,661 5,602 1 San Francisco 2,409 2,591 2,765 -7	-15					
Atlanta	-13					
Billings 6,673 7,076 6,872 -6 Boise 5,275 5,735 5,659 -8 Boston 4,605 5,675 5,500 -19 Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Cincinnati 4,404 5,261 5,161 -16 Cleveland 5,990 6,037 6,032 -16 Columbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,458 5,558 5,317 -20 Los Angeles 1,331 1,542 1,340 -14 Memphis 2,667 3,398 3,073 -22 Maimi 83 186 200 -55 Milwauke 5,851 6,780 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Minvapolis 3,419 4,077 3,649 -16 Omaha 5,404 6,456 6,202 -16 Minvapolic 4,499 4,994 7,03 -22 St. Louis 3,920 5,049 4,703 -22 Stalt Lake City 5,709 5,661 5,602 1	-13	-14	4,228	4,271		
Boise         5,275         5,735         5,659         -8           Boston         4,605         5,675         5,500         -19           Buffalo         5,610         6,541         6,539         -14           Cheyenne         6,564         7,122         6,950         -8           Chicago         5,469         6,443         6,375         -15           Chicago         5,690         6,037         6,032         -16           Clevaland         5,090         6,037         6,032         -16           Clevaland         5,090         6,037         6,032         -16           Columbia, SC         2,174         2,848         2,644         -24           Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jackson	-21	-23				Atlanta
Boston         4,605         5,675         5,500         -19           Buffalo         5,610         6,541         6,539         -14           Cheyenne         6,564         7,122         6,950         -8           Chicago         5,469         6,443         6,375         -15           Cincinnati         4,404         5,261         5,161         -16           Cleveland         5,090         6,037         6,032         -16           Columbia,SC         2,174         2,848         2,644         -24           Derver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20	-3	-6	6,872	7,076	6,673	Billings
Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Cincinnati 4,404 5,261 5,161 -16 Cleveland 5,090 6,037 6,032 -16 Columbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,458 5,558 5,317 -20 Las Vegas 2,053 2,249 2,407 -9 Los Angeles 1,331 1,542 1,340 -14 Memphis 2,667 3,398 3,073 -22 Miami 83 186 200 -55 Milwaukee 5,851 6,680 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 New York 3,683 4,745 4,836 -22 Oklahoma City 3,419 4,077 3,649 -16 Oklahoma City 3,419 4,077 3,649 -16 Oklahoma City 4,833 5,810 5,814 -17 Portland, ME 6,083 7,025 7,080 -13 Providence 4,792 5,724 5,728 -16 Raleigh 2,929 3,577 3,438 -18 Richmond 3,242 4,176 3,937 -22 St. Louis 3,920 5,049 4,703 -22 Salt Lake City 5,709 5,661 5,602 1 San Francisco 2,409 2,591 2,765 -7	-7	-8	5,659	5,735	5,275	Boise
Buffalo 5,610 6,541 6,539 -14 Cheyenne 6,564 7,122 6,950 -8 Chicago 5,469 6,443 6,375 -15 Cincinnati 4,404 5,261 5,161 -16 Cleveland 5,090 6,037 6,032 -16 Columbia,SC 2,174 2,848 2,644 -24 Denver 5,563 6,201 5,815 -10 Des Moines 5,414 6,733 6,407 -20 Detroit 5,383 6,154 6,407 -13 Fargo 8,026 9,272 8,995 -13 Hartford 5,065 6,251 6,034 -19 Houston 1,407 1,820 1,599 -23 Jacksonville 1,084 1,613 1,434 -33 Kansas City 4,458 5,558 5,317 -20 Las Vegas 2,053 2,249 2,407 -9 Los Angeles 1,331 1,542 1,340 -14 Memphis 2,667 3,398 3,073 -22 Miami 83 186 200 -55 Milwaukee 5,851 6,680 7,056 -14 Minneapolis 6,650 7,893 7,815 -16 Montgomery 2,036 2,570 2,224 -21 New York 3,683 4,745 4,836 -22 Oklahoma City 3,419 4,077 3,649 -16 Omaha 5,404 6,456 6,202 -16 Philadelphia 3,676 4,796 4,894 -23 Phoenix 871 1,165 1,350 -25 Phoenix 871 1,165 1,350 -25 Phitsburgh 4,833 5,810 5,814 -17 Portland, ME 6,083 7,025 7,080 -13 Roleigh 2,929 3,577 3,438 -18 Richmond 3,242 4,176 3,937 -22 St. Louis 3,920 5,049 4,703 -22 Salt Lake City 5,709 5,661 5,602 1 San Francisco 2,409 2,591 2,765 -7	-16	-19			4,605	Boston
Cheyenne         6,564         7,122         6,950         -8           Chicago         5,469         6,443         6,375         -15           Cincinnati         4,404         5,261         5,161         -16           Cleveland         5,090         6,037         6,032         -16           Columbia,SC         2,174         2,848         2,644         -24           Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14	-14	-14		6,541	5,610	Buffalo
Chicago         5,469         6,443         6,375         -15           Cincinnati         4,404         5,261         5,161         -16           Cleveland         5,090         6,037         6,032         -16           Columbia,SC         2,174         2,848         2,644         -24           Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Mimmi         83         186         200         -55 <t< td=""><td>-6</td><td>-8</td><td></td><td></td><td>6,564</td><td>Cheyenne</td></t<>	-6	-8			6,564	Cheyenne
Cincinnati         4,404         5,261         5,161         -16           Cleveland         5,090         6,037         6,032         -16           Columbia,SC         2,174         2,848         2,644         -24           Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miimi         83         186         200         -55 <t< td=""><td>-14</td><td>-15</td><td></td><td></td><td></td><td></td></t<>	-14	-15				
Cleveland         5,090         6,037         6,032         -16           Columbia,SC         2,174         2,848         2,644         -24           Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,665         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14 <td< td=""><td>-15</td><td>-16</td><td>5,161</td><td></td><td></td><td></td></td<>	-15	-16	5,161			
Columbia,SC         2,174         2,848         2,644         -24           Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Montgomery         2,036         2,570         2,224         -21 <t< td=""><td>-16</td><td></td><td></td><td></td><td></td><td>Cleveland</td></t<>	-16					Cleveland
Denver         5,563         6,201         5,815         -10           Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Milwaukee         5,851         6,780         7,056         -14           Minneapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -21           New York         3,683         4,745         4,836         -22	-18					Columbia,SC
Des Moines         5,414         6,733         6,407         -20           Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Minneapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -21           New York         3,683         4,745         4,836         -22	-4	-10				Denver
Detroit         5,383         6,154         6,407         -13           Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Minneapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -22           Oklahoma City         3,419         4,077         3,649         -16           Philadelphia         3,676         4,796         4,894         -23	-15	-20				Des Moines
Fargo         8,026         9,272         8,995         -13           Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Mineapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -22           New York         3,683         4,745         4,836         -22           Oklahoma City         3,419         4,077         3,649         -16           Omaha         5,404         6,456         6,202         -16	-16					
Hartford         5,065         6,251         6,034         -19           Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Minneapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -21           New York         3,683         4,745         4,836         -22           Oklahoma City         3,419         4,077         3,649         -16           Omaha         5,404         6,456         6,202         -16           Philadelphia         3,676         4,796         4,894         -23	-11					
Houston         1,407         1,820         1,599         -23           Jacksonville         1,084         1,613         1,434         -33           Kansas City         4,458         5,558         5,317         -20           Las Vegas         2,053         2,249         2,407         -9           Los Angeles         1,331         1,542         1,340         -14           Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Minneapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -21           New York         3,683         4,745         4,836         -22           Oklahoma City         3,419         4,077         3,649         -16           Omaha         5,404         6,456         6,202         -16           Phoenix         871         1,165         1,350         -25           Pittsburgh         4,833         5,810         5,814         -17	-16					0
Jacksonville       1,084       1,613       1,434       -33         Kansas City       4,458       5,558       5,317       -20         Las Vegas       2,053       2,249       2,407       -9         Los Angeles       1,331       1,542       1,340       -14         Memphis       2,667       3,398       3,073       -22         Miami       83       186       200       -55         Milwaukee       5,851       6,780       7,056       -14         Minneapolis       6,650       7,893       7,815       -16         Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         P	-12					
Kansas City       4,458       5,558       5,317       -20         Las Vegas       2,053       2,249       2,407       -9         Los Angeles       1,331       1,542       1,340       -14         Memphis       2,667       3,398       3,073       -22         Miami       83       186       200       -55         Milwaukee       5,851       6,780       7,056       -14         Minneapolis       6,650       7,893       7,815       -16         Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Ral	-24		1.434			
Las Vegas       2,053       2,249       2,407       -9         Los Angeles       1,331       1,542       1,340       -14         Memphis       2,667       3,398       3,073       -22         Miami       83       186       200       -55         Milwaukee       5,851       6,780       7,056       -14         Minneapolis       6,650       7,893       7,815       -16         Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmon	-16					
Los Angeles       1,331       1,542       1,340       -14         Memphis       2,667       3,398       3,073       -22         Miami       83       186       200       -55         Milwaukee       5,851       6,780       7,056       -14         Minneapolis       6,650       7,893       7,815       -16         Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Lou	-15					
Memphis         2,667         3,398         3,073         -22           Miami         83         186         200         -55           Milwaukee         5,851         6,780         7,056         -14           Minneapolis         6,650         7,893         7,815         -16           Montgomery         2,036         2,570         2,224         -21           New York         3,683         4,745         4,836         -22           Oklahoma City         3,419         4,077         3,649         -16           Omaha         5,404         6,456         6,202         -16           Philadelphia         3,676         4,796         4,894         -23           Phoenix         871         1,165         1,350         -25           Pittsburgh         4,833         5,810         5,814         -17           Portland, ME         6,083         7,025         7,080         -13           Providence         4,792         5,724         5,728         -16           Raleigh         2,929         3,577         3,438         -18           Richmond         3,242         4,176         3,937         -22	-1					
Miami     83     186     200     -55       Milwaukee     5,851     6,780     7,056     -14       Minneapolis     6,650     7,893     7,815     -16       Montgomery     2,036     2,570     2,224     -21       New York     3,683     4,745     4,836     -22       Oklahoma City     3,419     4,077     3,649     -16       Omaha     5,404     6,456     6,202     -16       Philadelphia     3,676     4,796     4,894     -23       Phoenix     871     1,165     1,350     -25       Pittsburgh     4,833     5,810     5,814     -17       Portland, ME     6,083     7,025     7,080     -13       Providence     4,792     5,724     5,728     -16       Raleigh     2,929     3,577     3,438     -18       Richmond     3,242     4,176     3,937     -22       St. Louis     3,920     5,049     4,703     -22       Salem, OR     4,302     4,514     4,602     -5       Salt Lake City     5,709     5,661     5,602     1       San Francisco     2,409     2,591     2,765     -7	-13					•
Milwaukee       5,851       6,780       7,056       -14         Minneapolis       6,650       7,893       7,815       -16         Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1	-58					•
Minneapolis       6,650       7,893       7,815       -16         Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-17					
Montgomery       2,036       2,570       2,224       -21         New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-15					
New York       3,683       4,745       4,836       -22         Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-8		2,224			•
Oklahoma City       3,419       4,077       3,649       -16         Omaha       5,404       6,456       6,202       -16         Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-24					
Omaha         5,404         6,456         6,202         -16           Philadelphia         3,676         4,796         4,894         -23           Phoenix         871         1,165         1,350         -25           Pittsburgh         4,833         5,810         5,814         -17           Portland, ME         6,083         7,025         7,080         -13           Providence         4,792         5,724         5,728         -16           Raleigh         2,929         3,577         3,438         -18           Richmond         3,242         4,176         3,937         -22           St. Louis         3,920         5,049         4,703         -22           Salem, OR         4,302         4,514         4,602         -5           Salt Lake City         5,709         5,661         5,602         1           San Francisco         2,409         2,591         2,765         -7	-6					
Philadelphia       3,676       4,796       4,894       -23         Phoenix       871       1,165       1,350       -25         Pittsburgh       4,833       5,810       5,814       -17         Portland, ME       6,083       7,025       7,080       -13         Providence       4,792       5,724       5,728       -16         Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-13					•
Phoenix         871         1,165         1,350         -25           Pittsburgh         4,833         5,810         5,814         -17           Portland, ME         6,083         7,025         7,080         -13           Providence         4,792         5,724         5,728         -16           Raleigh         2,929         3,577         3,438         -18           Richmond         3,242         4,176         3,937         -22           St. Louis         3,920         5,049         4,703         -22           Salem, OR         4,302         4,514         4,602         -5           Salt Lake City         5,709         5,661         5,602         1           San Francisco         2,409         2,591         2,765         -7	-25					
Pittsburgh     4,833     5,810     5,814     -17       Portland, ME     6,083     7,025     7,080     -13       Providence     4,792     5,724     5,728     -16       Raleigh     2,929     3,577     3,438     -18       Richmond     3,242     4,176     3,937     -22       St. Louis     3,920     5,049     4,703     -22       Salem, OR     4,302     4,514     4,602     -5       Salt Lake City     5,709     5,661     5,602     1       San Francisco     2,409     2,591     2,765     -7	-35					
Portland, ME     6,083     7,025     7,080     -13       Providence     4,792     5,724     5,728     -16       Raleigh     2,929     3,577     3,438     -18       Richmond     3,242     4,176     3,937     -22       St. Louis     3,920     5,049     4,703     -22       Salem, OR     4,302     4,514     4,602     -5       Salt Lake City     5,709     5,661     5,602     1       San Francisco     2,409     2,591     2,765     -7	-17					
Providence     4,792     5,724     5,728     -16       Raleigh     2,929     3,577     3,438     -18       Richmond     3,242     4,176     3,937     -22       St. Louis     3,920     5,049     4,703     -22       Salem, OR     4,302     4,514     4,602     -5       Salt Lake City     5,709     5,661     5,602     1       San Francisco     2,409     2,591     2,765     -7	-14					•
Raleigh       2,929       3,577       3,438       -18         Richmond       3,242       4,176       3,937       -22         St. Louis       3,920       5,049       4,703       -22         Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-16					
Richmond     3,242     4,176     3,937     -22       St. Louis     3,920     5,049     4,703     -22       Salem, OR     4,302     4,514     4,602     -5       Salt Lake City     5,709     5,661     5,602     1       San Francisco     2,409     2,591     2,765     -7	-15				,	
St. Louis     3,920     5,049     4,703     -22       Salem, OR     4,302     4,514     4,602     -5       Salt Lake City     5,709     5,661     5,602     1       San Francisco     2,409     2,591     2,765     -7	-18					
Salem, OR       4,302       4,514       4,602       -5         Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-17					
Salt Lake City       5,709       5,661       5,602       1         San Francisco       2,409       2,591       2,765       -7	-7					
San Francisco 2,409 2,591 2,765 -7	2					
	-13					•
	2	1	4,589	4,642	4,689	Seattle
Shreveport 2,109 2,622 2,264 -20	-7					
Washington, DC 3,299 4,314 4,025 -24	-18					

<sup>&</sup>lt;sup>1</sup>See Glossary.

\*\*\* = Normal heating degree-days or less, or ratio incalculable.

Note: The total heating degree-days for the previous heating season (July 1, 1999 - June 30, 2000) was 4,700 and the normal is 4,575. A new method for calculating heating/cooling degree days was implemented by the Climate Analysis Center in October 1993, with further refinements implemented in November 1993. The routines incorporate 1961-1990 normals supplied by the National Climatic Data Center, and 1990 census data for calculation of population weighted degree days.